



**US Army Corps
of Engineers**
Honolulu District



NAWILIWILI DEEP DRAFT HARBOR LIHUE, ISLAND OF KAUAI

Project Location. Nawiliwili Deep Draft Harbor is the principal port for Kauai. It is located on the southeast coast near Lihue, the island's seat of government. The harbor handles over a half million short tons per year.

Authorization. The project was authorized by the River and Harbor Acts of 2 March 1919 and 3 September 1954.

Local Sponsor. The local sponsor is the State of Hawaii.

Completed Work. The harbor was constructed by the Corps in 1930 by dredging an entrance channel, harbor basin, and building a breakwater within Nawiliwili Bay. In 1959 and 1960, a number of improvements were made and included deepening the entrance channel and enlarging the harbor basin. At present, the harbor basin is 35 feet deep with a maximum width of 1,800 feet and a maximum length of 2,380 feet. The entrance channel is 40 feet deep, 600 feet wide, and 2,400 feet long.

Present Status. A construction contract to rehabilitate the breakwater was awarded in May 1986. Repair work to rehabilitate the breakwater consisted of reinforcing the head section of the breakwater using 371 dolosse weighing 23 tons each, placing 300 feet of 6.5-ton tribar along the inboard side of the trunk, and constructing approximately 830 feet of concrete rib cap. This work was completed in June 1987 at a cost of \$3,968,000 (federal funds). Total project cost is \$9,894,785 (federal: \$9,661,524; non-federal: \$233,261). Last maintenance dredging was done in April 1999 (21,000 cubic yards of material). Federal cost was \$918,000.